

**TRA's**

No Name

# GAZETTE

**For Northrop Grumman & TRW Legacy Retirees**

VOL. XXVI NO. 1 Renew

January/February 2014

## JPL Tour March 27, 2014

TRA is very excited to offer a tour of the Jet Propulsion Laboratory facilities in Pasadena on Thursday, March 27, 2014! The tour will allow the visitor to see many of the fascinating JPL projects up close. Some of you have worked with JPL on past projects and will be especially enthusiastic to see the current ones — like the moon landing.

Buses will depart from Wilson Park, 2200 Crenshaw Blvd., Torrance at 10:00 a.m. and return at 5:00 p.m. Prior to the JPL tour we will have lunch at McCormick & Schmick's fine restaurant in Pasadena.

The JPL tour lasts between 2-2½ hours. The walking distance for the tour is approximately 0.8 miles with multiple flights of stairs. There is no handicapped access so unless you are able to walk a mile and climb stairs, please do not commit to attending the tour. We apologize for the restrictions, but they are JPL's and not TRA's. Since JPL runs background checks on all visitors, your reservation(s) will need to be received by TRA by February 23, 2014. Any guest not on the finalized roster by this date will not be allowed entry.

This tour is being offered to the first 80 NG/TRW retirees, family, and friends whose information and checks are received by Sunday, February 23, 2014. You must complete the form on Page 8. JPL requires your first and last name as well as your middle initial and your citizenship. All attendees must be 18 or older (no children allowed on this tour). Please give us your email address if you have one so that we may contact you as a group instead of having to make individual phone calls in case of any updates.

### JPL Tour Details

Date: Thursday, March 27, 2014:

Time: 10:00 am bus departure — 5:00 pm return from Wilson Park, Torrance;

Cost: \$65 per person includes bus fare, lunch at McCormick & Schmick's in Pasadena, JPL tour, and snacks on the return trip.

Reservation deadline: **TRA must receive reservation information and checks by Sunday, February 23, 2014.**

Additional information: contact Beth O'Gorman at bethog28@gmail.com or 310-375-3088. The JPL web-site is at <http://www.jpl.nasa.gov>.

The reservation form is on Page 8.

## It's Membership Renewal Time

Our records indicate that your TRA membership has expired.

TRA membership is a real bargain at just \$10.00 per year! The NNG will provide you with: news from Northrop Grumman, Space Park; medical information updates; the humorous Mail Pouch with information about our members; the Spring Fling (April); the Annual Membership Meeting (June); and the Holiday Party (December).

### New for 2014!

All TRA members will receive a brand new Membership Directory. See article on Page 7 for details.

To renew, please submit the attached form with your check. The renewal form also can be downloaded from our web page: [www.tra-spacepark.org](http://www.tra-spacepark.org). One year renewals are welcome as are renewals for more than one year, which reduces our in-house paper shuffle. (Warning: when you date your check, remember it's now 2014. Each year our banker bounces a few checks because of a previous year's date!)

And don't forget to spread the word about TRA to new retirees and encourage them to join using the web site or snail mail.

### Membership Renewal for 2014

(and beyond)

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Tel: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail address (please print legibly) \_\_\_\_\_

Membership No: \_\_\_\_\_  
(From mailing label on back page)

Annual dues are \$ 10.00 per year.

I would like to renew for:

\$10 for 1 yr.  \$20 for 2 yrs.  \$30 for 3 yrs.  \$40 for 4 yrs.

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Please mail with your check to:

TRA PO Box 1276 Redondo Beach, CA 90278

**And, please, include a note for the Mail Pouch about yourself, your family, and your own doings!**

## TRA for Northrop Grumman Retirees

The Retirees Association (TRA) welcomes the retirees of Northrop Grumman and TRW.

### 2014 OFFICERS

Darrell Ausherman ..... President  
 Dena Bouskos..... Vice President  
 Bob Doll ..... Treasurer  
 Jay Seidman ..... Secretary  
 Jack Trost ..... Immediate Past President

### 2014 DIRECTORS-AT-LARGE

Charles Clendening, Budd Cohen, Tony Gomez, Ira Green,  
 Marcy Morrison, Carol Schamp, and Jack Williams.

The No Name Gazette is the official publication of TRA. It is published seven times a year.

### Publication Staff:

Al Hausrath, Editor; Frank Warren, Contributing Editor; Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers; Carol Schamp and Karin Petersen, Copy Editors.

## Contacting TRA

### By Mail:

TRA, P.O. Box 1276, Redondo Beach, CA 90278

### By Phone:

310-833-5827

### By Email:

[TRA@tra-spacepark.org](mailto:TRA@tra-spacepark.org) Your emails will be routed to the appropriate source. And, if we have your e-mail address on file, we send out special alerts to TRA members at infrequent intervals. To get on the TRA email list, just send us a brief email requesting to be added to it.

### By Web Page:

Our web page is at [www.tra-spacepark.org](http://www.tra-spacepark.org). It is an excellent source for the latest news, lists of the new retirees, travel details, party photos (more than can be included in the NNG), forms of all sorts, personal photographs, and much more. Log on and browse.

### For Membership:

TRA Membership is open to all Northrop Grumman and TRW legacy retirees at \$10 per calendar year. First year free. Application on web page or call 310-833-5827.

## NG/TRW Retirees Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S/Cafeteria, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m.	No reservations needed. All Members Welcome
ATD Friends & Colleagues	To be determined	1st Monday in Nov. 11 a.m. to 2 p.m.	Social, Nostalgia and Lunch Res Deadline: 10/27/14	Don Reeves, Jack Trost, Carol Schamp cschamp@aol.com 310-377-2194
Brevard Retirees	Various Locations in Brevard, N.C.	1st Wed. 8 a.m. 3rd Wed. 5 p.m.	Social	Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	Various days: call Zaiser for details	Social	George Zaiser 805--343-2631 gzais@msn.com
Houston Chapter	Baybrook Denny's, 19212 Gulf Fwy Friendswood, Tex.	3rd Tuesday 8:30 a.m.	Social	Gary Dinsmore 281-461-6270 samngary@att.net
Huntsville Chapter	Ryan's Buffet 1808 University Drive NW, Huntsville	2nd Tuesday 11:30 a.m.	Social	Jim Troy 850-797-0044 www.TRA-Huntsville.org
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 fiftysumthn300@yahoo.com
Northern Virginia	Old Brogue Pub Great Falls, Va.	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
NW Riverside County, Hemet	The Church of the Good Shephard Hemet, Calif.	4th Thursday 11:00 - 2:00	Social	Rosalie Moyer 951-925-1214 Glenn Ortiz 951-679-1015
Ogden	Cracker Barrel Restaurant Layton, Ut.	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.net
San Diego Chapter	Event Dependent	3rd Tuesday Alternate Months	Social or Board Meeting <a href="http://sandiego.tra-spacepark.org">http://sandiego.tra-spacepark.org</a>	Jim Denton 858-385-0150 JWDenton@san.rr.com
Temecula Valley	Various Locations in the Temecula/Murrieta Area	2nd Wednesday Lunch	Social	Maureen Locken 951-244-7654 maureen_locken@yahoo.com
The Mountain Folks	Various Locations in the Denver Area	First week of each quarter	"We do have fun!"	Carl Winkelman 303-693-0034 winkelman@att.net
TRIN	Community Room, WFCU Western Way, Torrance, Calif.	2nd Thursday 1:00 p.m.	Investment Info based on monthly newsletter reviews	Mike Pauls 310-379-2707 lmikep@earthlink.net
Ventura Romeos	Mimi's Cafe Thousand Oaks	1st Tuesday Lunch	Social	Fred Blaich 805-499-0012 or Harry Stroud 805-653-5117

## HAPPENINGS AT NORTHROP GRUMMAN

### Northrop Grumman Corp. (NG)

- FALLS CHURCH, VA: — NG has honored 32 suppliers for their outstanding performance in support of its Socio-Economic Business Programs (SEBP). This is the 23rd year that NG has recognized its suppliers with World Class Team awards for supporting the SEBP program, which strives to ensure that capable small businesses, including small disadvantaged, woman-owned, veteran-owned and service-disabled veteran-owned, historically underutilized business zones, AbilityOne organizations, lesbian, gay, bisexual and transgender concerns and Historically Black Colleges/Universities and Minority Institutions, receive the maximum practicable subcontracting opportunities on all major programs. The extensive review of suppliers began last summer with awards given to companies demonstrating exceptional support and commitment to the SEBP goals and objectives using criteria such as product, service, quality and record. Other considerations included demonstrated delivery performance, outstanding program support, superior technical achievement, and reported cost performance/competitiveness and/or continuous process improvement.



By Frank Warren

### Aerospace Systems Sector (NGAS)

- MOJAVE, CA — In one year, NGAS took a satellite communications system normally used in space and transformed it into a high-functioning, low-cost communications system that can be used on aircraft. The satellite communications (SATCOM) system was successfully demonstrated on board the company's Firebird demonstrator aircraft. Until now, no small communications system has been able to send sensor data to a satellite and back to a ground station at such a high rate of transfer. During the demonstration, the SATCOM system rapidly provided full-motion video to the ground. For demo purposes, the system and associated test equipment were housed within a pylon-mounted structure attached to the top of the Firebird fuselage. NGAS developed the SATCOM system using Gallium Nitride (GaN) technology, which first gained attention as the source of brightly colored LED lights. GaN allows for high communications output while using very little physical space.
- ANKARA, TURKEY: — Turkish Aerospace Industries, Inc. (TAI), a subcontractor to NGAS, delivered its first F-35 Lightning II center fuselage to NGAS and Lockheed Martin at a ceremony held at TAI's facilities on Dec. 11, 2013. This is the first F-35 center fuselage manufactured by TAI as an international manufacturing partner to NGAS. The center fuselage will be installed into a U. S. Air Force aircraft at Lockheed Martin's facilities in Fort Worth, Texas. Turkish Aerospace Industries, Inc. (TAI), ranking among the top hundred global players in aerospace arena, is Turkey's center of technology in design, development, modernization, manufacturing, integration and life cycle support of integrated aerospace systems, from fixed and rotary wing air platforms to unmanned aerial vehicle (UAV) systems and space systems. A total of 4,600 experienced personnel work at TAI of which 1,600 are engineers.

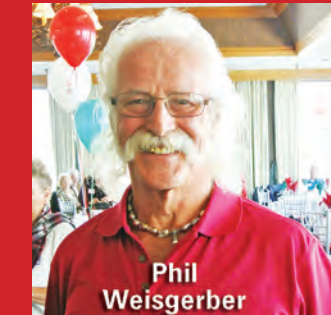
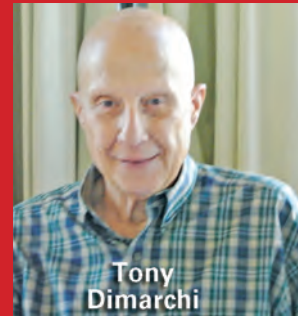
### Electronic Systems Sector (NGES)

- BALTIMORE – NGCobham Intercoms LLC, (NGCI) a joint venture between NGES and Cobham PLC, has been awarded the first production delivery order of the AN/VIC-5 enhanced vehicular communication system. The announcement was made during a ceremony at Aberdeen Proving Grounds, Aberdeen, Md., on Sept. 27. The U.S. Army PEO Enterprise Information Systems hosted the event to celebrate the decision for material release of the AN/VIC-5. This first production delivery order marks the official beginning of the program's production and deployment phase. AN/VIC-5 is an integrated intercom system that supports internet protocol communications to soldiers on the battlefield. It is the successor to AN/VIC-3, which has been proven in Iraq and Afghanistan on more than 100,000 U.S. ground vehicles. NGCI holds a \$2.4 billion indefinite delivery, indefinite quantity contract with the Army, awarded in 2009, for delivery of the system, which completed rigorous validation and verification testing earlier this year.

# TRA's Holiday Party

## December 6, 2013

The Ports O' Call Restaurant in San Pedro was again the site of our annual Holiday Party. These photos are by Mary Holcomb. To see all the photos, visit our web page at [www.tra-spacepark.org](http://www.tra-spacepark.org).



# Photos from the ATD Colleagues and Friends Luncheon



Dennis Sowers Richard Ackerman



Herb Suer Bruce Marcus Mac Chapman



Sally Kinsey



Bob Day John Katherler



Alan Eskovitz Gary Rosack Carol Schamp Jerry Elverum



Robert King



Sandy Friedfeld Don Reeves



Charles Clendening John Stammreich Dan Goldin



Dick Croxall John Sellars Mel Wong



Don Variano Gary Moit



Bob Marohn Grant Hosiak



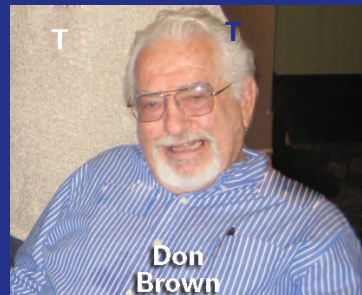
Cindy McCully



Martin Mach Bob Dunning Lorraine Ryan



Dena Bouskos



Don Brown



Rim Kaminskas Bob Brodsky



Tom Romesser



Bob Doll Don & Sharon Crawford Bob Cremer



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## New Membership Directory Coming in '14

TRA will publish a new Membership Directory this fall, replacing the 2010 edition. For a member to be included in the 2014 Directory TRA must have each member's permission to list their name and address. An additional permission is required to have the phone number included.

Over 80% of our members now have email addresses. To identify these members, we add the @ symbol in their address block, but also, only with permission. To discourage spam, we do not publish email addresses. TRA members can request the email address of other members by sending a note to tra@tra-spacepark.org.

The next (March) issue of the NNG will be individualized for each member, listing their directory information now in our database, along with a full listing of their options, and a handy form for updating them. Our goal is to use an updated database in June as input to our printer to publish the new Directory. Distribution is planned in September.

The Directory will have three parts: an alphabetical listing with names, addresses, and phone numbers; a zip code listing; and a map giving the geographical distribution of the entire TRA membership.

To have your name included in the 2014 Directory, you must be a member in good standing. If your membership has expired, renew now to insure your inclusion in this new directory. Your address label on the back page of this NNG indicates your current membership status.

## Recent New Members to TRA

We welcome the following members since the last newsletter.

Barbara Aaron	Redondo Beach, CA
Marcella Apodaca	Redondo Beach, CA
Shirlene Conklin	Redondo Beach, CA
Bob H. Cremer	Los Angeles, CA
Patricia E. Dobbins	Torrance, CA
Larry N. Gilman	Inglewood, CA
Ephraim D. Katz	Los Angeles, CA
Anne (Ana) C. Kelly	Lakewood, CA
John (Jay) C. Kelly	Torrance, CA
Armando E. Moreno	Redondo Beach, CA
Gary O'Bryan	Redondo Beach, CA
Pam Overton	Manhattan Beach, CA
Valerie S. Reece	Manhattan Beach, CA
George W. Schreyer	Torrance, CA
Donald E. Standefer	Gardena, CA
Gerald P. Vyeno	Tucson, AZ
Michael Wehner	Hawthorne, CA

We hope these new members will send a note to us for the Mail Pouch, telling us a little about themselves and where they worked at Northrop Grumman. Send to tra@tra-spacepark.org or to TRA, P.O. Box 1276, Redondo Beach, CA 90278.

## TRW Technology Major Firsts One More

In the August, 2013, issue of the NNG we posted an article from an unknown source that listed 39 TRW technology firsts from 1903 to 1997. Now we have a 40th technology first for this impressive list: *Water injection into large rocket launches to reduce the plume induced pressure and heating environment. (1961)*

While the water injection scheme was a very intuitive thing to do, Gene Briadwell and C. N. Tsu performed theoretical analysis which correlated well with test results.

Do our readers have any other Major Firsts that should be added to our list? If so, please send them to tra@tra-spacepark.org or TRA/NNG at P.O. Box 1276, Redondo Beach, CA 90278.

**The next issue of the NNG will be mailed in March, 2014.**

## TRA Election Results

Thanks to all TRA members who voted. Our Association has a new set of officers for the 2014 calendar year that have been elected in accordance with the bylaws of our organization. They are:

President	Darrell Ausherman
Vice President	Dena Bouskos
Secretary	Jay Seidman
Treasurer	Bob Doll

Newly elected Directors are Charles Glendening, Ira Green, Marcy Morrison, Carol Schamp, and Jack Williams. Officers serve one year terms, while Directors have two year terms. Continuing Directors for 2014 are Budd Cohen and Tony Gomez.



P.O. Box 1276  
Redondo Beach, CA 90278

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## Upcoming TRA Events

Tour of JPL	Thursday, March 27, 2014
Alice Lord Spring Fling*	Mid April, 2014
Annual Membership Mtg.*	June, 2014

We are delighted to report that the Proud Bird Restaurant is about to sign a new one-year lease, so it's very likely we will return there for our 2014 Spring Fling.

\* Details to be provided in future NNGs

## Important Contact for Retirees

**Northrop Grumman Benefits Center**  
www.benefits.northropgrumman.com

Select "Retiree Connection"

Or by phone: 800-894-4194

Here you can get help on health benefits, pensions, savings, and to report a death. It's all voice activated, so just listen to the instructions and answer the first few questions to reach a representative.

## IN MEMORIAM

Name	Date of Death
Gail Averill	September 24, 2013
Maurice Peter Bianchi	October 24, 2013
Patricia Ann Collins	December 2, 2013
James Pike Cooper	November 30, 2013
Janice Helen Dickert	October 21, 2013
Shirlee Jean Gonzales	May 19, 2013
John T. Nailen	November 4, 2013
Robert L. Sackheim	December 22, 2013
Klaus K. Schuegraf	November 19, 2013
Jerry E. Slee	November 9, 20013
Ralph C. Turkolu	November 9, 2013
Robert Vaca	December 18, 2013
Gloria Nell Zwinak	October 31, 2013

The first step in notifying Northrop Grumman of a retiree's death is to call the Benefits Service Center at 800-894-4194. For many retirees, there is a Burial Benefit which will be paid to the beneficiary upon proper notification of death. The Benefits Center does NOT notify TRA of the death due to privacy laws.

If you know of a deceased retiree that should be included in the "In Memoriam" column in future NNGs, please submit the following by mail or email to the TRA office: name of the deceased; date of death; and the name of the person submitting the information.

## JPL Tour Reservation Form (for Thursday, March 27, 2014 Event)

**Rush: TRA must have your reservation  
and check by Sunday, February 23**

Name: \_\_\_\_\_

First Middle Initial Last

Citizenship: USA \_\_\_ or \_\_\_\_\_

Address: \_\_\_\_\_

Membership #: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Total # coming: \_\_\_ @ \$65 each = \$ \_\_\_\_\_

Please make the check payable to TRA.

You must attach a separate page with additional attendee's complete information as above, including all contact information.

Mail to: Beth O'Gorman, 5508 Ironwood St., Rancho Palos Verdes, CA 90275 before Feb. 23, 2014